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PHOTOSENSITIVE DRUM, PROCESS CARTRIDGE, IMAGE FORMING DEVICE AND IMAGE FORMING SYSTEM

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## ABSTRACT

PURPOSE: To obtain a stable structure of photosensitive drum having a large area when the photosensitive drum is preliminarily mounted on a mount, by assembling gears in a manner that the first helical gear in the outer side has a larger diameter than the second helical gear in the inner side.

CONSTITUTION: The photosensitive drum 9 is produced by coating a cylindrical aluminum drum base body (cylinder) 9a with an organic photosensitive layer by dipping method or the like. The one end of the aluminum drum base body 9a has a flange gear 9c and a gear 9i fixed by caulking. The flange gear 9c and the gear 9i are attached adjacent to each other on the end of the drum base body 9a in a manner that the flange gear 9c in the outer side has a large diameter than the gear 9i in the inner side. Thereby, when this drum 9 is left to stand on a mounting space 60 of a working desk or floor for assembling or maintenance to exchange parts of the device, stability of the drum is improved.

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